

Monday, September 16th, 2019

08:15 – 09:00	Registration
09:00 – 09:15	Prof. Dr. Karina Morgenstern Opening remarks
Session 1	Chaired by Prof. Dr. Dominik Marx
09:15 – 09:55	Prof. Dr. Marie-Laure Bocquet Sorbonne Université <i>Two dimensional materials get electrified in water: ab initio simulations of the surface reactivity of graphene, h-BN, their heterostructures and graphene oxides in water</i>
09:55 – 10:35	Prof. Dr. Roland Netz Freie Universität Berlin <i>Water in confinement: Beyond linear dielectric hydration models</i>
10:35 – 11:00	Coffee break
Session 2	Chaired by Prof. Dr. Wolfram Sander
11:00 – 11:40	Prof. Dr. Miguel Garcia-Garibay University of California, Los Angeles <i>Reaction Mechanisms and Kinetics Studies with Molecular Nanocrystals: A State in Transition between Supramolecular Entities and Bulk Solids</i>
11:40 – 12:20	Prof. Dr. Claudine Crépin-Gilbert Institut des Sciences Moléculaires d'Orsay <i>Environments effects on molecules trapped in van der Waals solids</i>
12:20 – 14:00	Lunch break (dining hall)
Session 3	Chaired by Prof. Dr. Guido Clever
14:00 – 14:40	Prof. Dr. Joost Reek University of Amsterdam <i>Transition Metal catalysis in confined spaces. From enzyme mimics towards tools for complexity in catalysis</i>
14:40 – 15:20	Prof. Dr. Jonathan Nitschke University of Cambridge <i>Complex supramolecular systems via subcomponent self-assembly</i>
15:20 – 15:50	Coffee break
Session 4	Chaired by Dr. Christian Merten
15:50 – 16:30	Prof. Dr. Jeanne Crassous Université de Rennes <i>Transition metals within the chiral environment of helicenes</i>
	Chaired by Prof. Dr. Lars Schäfer
16:30 – 17:10	Prof. Dr. Irene Burghardt Goethe-Universität Frankfurt <i>Azobenzene photoisomerization in confined biological environments</i>
17:10 – 19:00	Poster session I (snacks and drinks)

Tuesday, September 17th, 2019

Session 5	Chaired by Prof. Dr. Martina Havenith
09:00 – 09:55	Prof. Dr. Nancy Levinger Colorado State University <i>Osmolytes in heterogeneous systems – how water and carbohydrates combine for low temperature protection</i>
09:55 – 10:35	Prof. Dr. Rahul R. Nair University of Manchester <i>Confinement induced chemistry to tunable permeation of molecules in Graphene-based nanochannels</i>
10:35 – 11:00	Coffee break
Session 6	Chaired by Prof. Dr. Karina Morgenstern
11:00 – 11:40	Prof. Dr. Meike Stöhr University of Groningen <i>Surface-confined molecular assemblies on metallic as well as graphitic surfaces</i>
11:40 – 12:20	Prof. Dr. Leonhard Grill University of Graz <i>Chemical Processes of Single Molecules in Confined Spaces: Every Atom Counts</i>
12:20 – 14:00	Group picture and lunch break (dining hall)
Session 7	Chaired by Prof. Dr. Lars Schäfer
14:00 – 14:20	Dr. Frank Biedermann Karlsruhe Institut of Technology <i>Sensitive and Selective Detection of Neurotransmitters and Trace Amines in Water by Nanoporous Receptors</i>
14:20 – 14:40	Prof. Dr. Guido Clever Technische Universität Dortmund <i>Assembly strategies towards multi-functional coordination cages</i>
14:40 – 15:20	Prof. Dr. Werner Nau Jacobs Universität Bremen <i>Confinement-controlled Chemistry inside Cucurbiturils</i>
15:20 – 15:50	Coffee break
Session 8	Chaired by Prof. Dr. Karina Morgenstern
15:50 – 16:10	Philip Loche Freie Universität Berlin <i>Giant axial dielectric response in water-filled nanotubes</i>
16:10 – 16:30	Dr. Sergi Ruiz-Barragán Ruhr-Universität Bochum <i>Anisotropic dielectric tensor of nanoconfined water in graphene slit pores</i>
16:30 – 16:50	Dr. Subhadeep Saha Technische Universität Dortmund <i>Confinement Creates Confinement: Reaction Outside the Cage</i>
16:50 – 17:10	Dr. Lydie Leung University of Toronto <i>Directed Collision of F or CF₂ with CF₃ Gives Umbrella Inversion of CF₃ Followed by Collinear Ejection of F or CF₂</i>
17:10 – 19:00	Poster session II (Drinks)
19:00	Food truck event

Wednesday, September 18th, 2019

Session 9	Chaired by Prof. Dr. Kristina Tschulik
09:00 – 09:55	Prof. Dr. Yi-Tao Long East China University of Science and Technology <i>Nanopore Confined Single Biomolecule Interface for Single Molecule Electrochemical Sensing</i>
09:55 – 10:35	Prof. Dr. Frédéric Kanoufi Université Paris Diderot <i>The relevance of local ion release and motion in nanocrystal electrochemical charging</i>
10:35 – 11:00	Coffee break
Session 10	Chaired by Prof. Dr. Axel Rosenhahn
11:00 – 11:40	Prof. Dr. Jörg Polte Humboldt-Universität Berlin <i>From Nanoparticle Growth studies to Catalyst Preparation</i>
11:40 – 12:20	Prof. Dr. Annette Andrieu-Brunsen Technische Universität Darmstadt <i>Confinement Control: Mesopore Functionalization and Performance</i>
12:20 – 14:00	Lunch break (dining hall)
Session 11	Chaired by Prof. Dr. Patrick Nürnberger
14:00 – 14:40	Prof. Dr. Jessica Anna University of Pennsylvania <i>Probing Confined Dynamics of Host-Guest Complexes through Ultrafast mid-IR Spectroscopies</i>
14:40 – 15:20	Prof. Dr. Abderrazzak Douhal Universidad de Castilla La Mancha <i>Photochemistry Within Selected MOFs: Relevance to Nanomedicine and Nanophotonics</i>
15:20 – 15:30	Prof. Dr. Karina Morgenstern Closing remarks